

REMARKS

In the Office Action, the Examiner rejected claims 1 - 4 under the second paragraph of section 112, rejected claims 1 and 5 as anticipated by the Waszkiewicz reference, rejected claim 1 as anticipated by Prashant, rejected claim 1 as obvious over Prashant et al in view of Monday et al., rejected claim 2 as obvious over Prashant et al in view of Monday and further in view of Ford et al., rejected claim 3 as obvious over Prashant in view of Monday and further in view of Gamma et al., rejected claim 4 as obvious over Prashant in view of Monday and further in view of Schmidt, rejected claim 6 as obvious over Prashant in view of Monday and Goldsmith et al in further view of Northrup et al.

35 USC §112, 2nd ¶

Claim 1 has been amended to clarify the antecedent basis for the claim terms. Specifically, the components of the third claim element have an antecedent in each of the first and second claim elements. The rejection is thereby overcome.

35 USC §102(e)

The Waszkiewicz reference describes a plug-in model and not a generic host. The subject matter according to Waszkiewicz cannot host any parts but rather only specific parts. According to the teachings of Waszkiewicz, data are configured but not components as in the present application. As such, the reference does not disclose or teach a generic main as claimed in claim 1.

The Applicants have attempted to identify the claim elements that the Examiner asserts are shown in the Waszkiewicz reference, but have been unable to do so. For example, for the foreign data or extension hook, the Examiner cites to col. 36 – 41. It appears that a portion of the citation is missing, and Applicants have not been able to determine the correct citation. Applicants submit that the “foreign data or extension block” is not described at the specified passages.

Further, a “framework connector providing communications between said components” according to the patent claim 1 is not taught or disclosed from the step 40 of the reference.

As such, claim 1 is not anticipated by the cited reference.

With regard to the rejection of claim 5 over Waszkiewicz, an arbitrary nested host can be operated with the generic main component as claimed. However, Waszkiewicz has containers for this function and so the reference does not show the claimed invention.

35 USC §102(b)

With regard to the rejection of claim 5 over Prashant, a generic main in Prashant et al. is only a service provider. It comprises no infrastructure such as, for example, the framework connector, as claimed. The object can therewith not insert one component into another.

As such, the claims are not anticipated by the cited prior art.

35 USC §103(a)

With regard to the rejection of claim 1 over the combination of Prashant and Monday, the statements set forth above regarding rejection over Prashant individually similarly apply here. The Monday et al. reference concerns a dedicated component interconnection program that is hard-coded. It is thus not a generic main host. All components are dedicated plug-ins. The patent claim 1 of the present patent application is directed to an invention that is more comprehensive and flexible than the prior art of Monday.

With regard to the rejection over Prashant, Monday and Ford, patent claim 2 specifies one possible implementation detail. The Ford reference does not teach or suggest a generic host, and so the combination of references does not obviate the claimed invention. Claim 2 depends from claim 1, which Applicants assert is allowable so that claim 2 is also allowable.

With regard to the rejection of claim 3 over Prashant, Monday and Gamma, Gamma et al. does not disclose or suggest independence from an operating system, as the title of the book already shows.

With regard to the rejection of claim 4 over Prashant, Monday, and Schimdt, no framework connector is described in Schmitt.

With regard to the rejection of claim 6 over Prashant, Monday, Goldsmith and Northrup, the Goldsmith reference shows a precursor of Corba and is a communication patent (for initialization). The Northrup reference discloses how internal configuration data are to be

dumped. However, all of the data contained in the process cannot be dumped. Contrary to this, in the subject matter of the present patent application arbitrary components cannot be dumped.

As such, the combined teachings of the prior art do not show or suggest the claimed invention.

Appendix Drawings

To assist the Examiner in a better understanding of the claimed invention, Applicants are providing the attached Appendix, which includes drawings that illustrate the differences between claims 1 and 5. In Figure 1, the generic host is shown with its infrastructure and the various components (both the user interface and business logic components) as an example according to patent claim 1. Figure 2 shows an ActiveX container corresponding generally to patent claim 5 in which the generic host according to Figure 1 is embedded.

The drawings are provided only to assist in a better understanding of the claim differences and not for the purpose of defining or limiting the scope of the claims.

Claim Amendments

Claims 2, 5 and 6 have been amended to ensure proper antecedent basis for the claim terms and for improved readability.

Conclusion

Applicants respectfully request reconsideration and allowance of the present application in view of the foregoing.

Deposit Account Information

The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to account no. 501519.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Melvin A. Robinson', is written over a horizontal line.

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ATTORNEY FOR APPLICANT

FIG 1

Claim 1

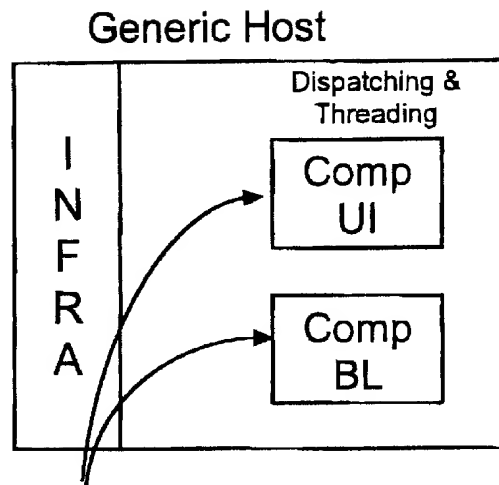


FIG 2

Claim 5

Component

ActiveX Container

